Probable Purine Permease 9 (PUP9) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable purine permease 9 (PUP9), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Probable purine permease 9 (PUP9), partial
Product Gene Name	PUP9 recombinant protein
Sequence	MKGDQEVQVI VQQGKEPIPT DQDERSSVSG SQTKLSHSNT YKRWLRVAIY TFFVISGQSV ATILGRLYYE NGGNSKWLAT VVQLVGFPIL LPYHLLSVKT HTTTQRDGKL TSLRNRALVY IVLGLLVGAA CYLYSIGLLY LPVSTLSLIC ASQLAFTAFF SYLLNSQKLT PIILNSLFLL TISSTLLAFN NEESDSKKVT KGEYVKGFVC TVGASAGFGL LLSLQQLAFR KVLKKQTFSE VINMIIYMSL VASCVSVVGL FASSEWKTLS SEMENYKLGK VSYVMNLVWT AVTWQVFSIG CTGLIFELSS LFSNAISALG LPVVPILAVI IFHDKMNGLK VISMILAIWG FVSYVYQQYL DETNLKKSNE IPTTESPDRP EAEGSSEQSK
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	43,087 Da
Sequence Positions	1-390
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for O49726
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PUP9 recombinant protein	MBS1166224 is a recombinant protein targeting PUP9. Also known as Recombinant Arabidopsis thaliana Probable purine permease 9 (PUP9), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PUP9 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PUP9. It may not necessarily be applicable to this product.

NCBI GI #	1063719764
NCBI GeneID	827548
NCBI Accession #	NP_001319981.1
UniProt Primary Accession #	O49726
UniProt Related Accession #	O49726

GenBank Nucleotide #	NM_001341267.1
NCBI Official Full Name	Drug/metabolite transporter superfamily protein
NCBI Official Symbol	AT4G18220
NCBI Official Synonym Symbols	T9A21.70; T9A21_70
UniProt Protein Name	Purine permease 21
Protein Family	Probable purine permease
UniProt Gene Name	PUP21
UniProt Synonym Gene Names	AtPUP21
NCBI Protein Information	Drug/metabolite transporter superfamily protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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